IN THE CLAIMS:

Please cancel Claims 14 to 17 without prejudice or disclaimer of subject matter. Please amend the remaining claims as follows:

1. (Currently Amended) In ~~an XML-based~~ a structured document stored in a computer-readable memory medium, the ~~XML-based~~ structured document including text delimited by plural element types respectively defining at least one of vector graphic shapes of figures and text, each element type having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, the improvement comprising:

the ~~XML-based~~ structured document includes ~~text for plural pages as well as~~ page-information ~~text, wherein the page-information~~ text which is delimited by page-information element types each defining a ~~byte-location~~ location in the ~~XML-based~~ structured document for a corresponding page-description ~~of the~~ text ~~for respective ones~~ of the plural pages; ~~and~~

the ~~XML-based~~ structured document further includes ~~document-resource text that specifies a location pointer in the XML-based document for resources used by pages in the XML-based document~~ the page-description text for plural pages based on which of the vector graphic shapes is rendered;

wherein the location provides random access to the plural pages of the structured document independent of parsing of all of the plural pages of the structured document.

2. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 1, further comprising page-directory text which includes the page-information text, the page-directory text being delimited by page-directory element types which contain at least one page-information element for each of the plural pages.

3. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 2, further comprising directory-information text which includes the page-directory text, the directory-information text being delimited by directory-information element types that specify the number of the plural pages and which contains the page-directory elements.

4. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 3, wherein the directory-information text further includes thumbnail-information text that defines a graphic for each of the plural pages, the thumbnail-information text being delimited by thumbnail-information element types.

5. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 4, further comprising thumbnail-directory text which includes the thumbnail-information text and which is delimited by thumbnail-directory element types.

6. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 3, further comprising document-attribute text delimited by document-attribute element types and that specify attributes of the document.

7. (Cancelled)

8. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 1, further comprising a directory-table-list element that includes the document-resource text and at least an indirect reference to the page-information text.

9. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 8, further comprising document-directory-table text delimited by document-directory-table types and that provides location information of the directory-table-list text.

10. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 1, wherein the page-information text is included in document-directory information stored in the ~~XML-based~~ structured document.

11. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 10, wherein the document-directory information is stored at or near the end of the ~~XML-based~~ structured document.

12. (Currently Amended) A structured ~~An XML-based~~ document according to Claim 11, further comprising a directory-exists element delimited by directory-exists element types, the directory-exists elements directly or indirectly defining

the location of the document-directory information, the directory-exists element being located at or near the beginning the ~~XML-based~~ <u>structured</u> document.

13. (Currently Amended) <u>A structured</u> ~~An XML-based~~ document according to Claim 1, wherein the ~~XML-based~~ <u>structured</u> document is comprised of an SVG-based document.

14. to 20. (Cancelled)

Please add Claims 21 to 27, as follows:

21. (New) A structured document according to Claim 1, further comprising document-resource text that includes a location pointer in the structured document for resources used by the plural pages in the structured document.

22. (New) A viewer for rendering at least one of vector graphic shapes of figures and text based on a structured document including text delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, comprising:

a parsing device that detects a current page from plural pages, obtains a location of page-description text in the structured document corresponding to the current

page in reference to page-information text in the structured document, and parses page-description text in the structured document corresponding to the current page; and

an output device that outputs a vector graphic shape which is rendered on the basis of the page description text parsed by the parsing device.

23. (New) A viewer according to Claim 22, wherein parsing device obtains a location of document-resource text in the structured document for resources used by the plural pages.

24. (New) A method of rendering at least one of vector graphic shapes of figures and text based on a structured document including text delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, comprising the steps of:

detecting a current page from plural pages,

obtaining a location of page-description text in the structured document corresponding to the current page in reference to page-information text in the structured document,

parsing page-description text in the structured document corresponding to the current page,

outputting a vector graphic shape which is rendered on the basis of the parsed page description text.

25. (New) A method according to Claim 24, further comprising a step of obtaining a location of document-resource text in the structured document for resources used by the plural pages.

26. (New) Computer readable medium for storing a program which performs a method of rendering at least one of vector graphic shapes of figures and text based on a structured document including text delimited by plural element types each having an opening tag and a corresponding closing tag which collectively conform to a document type definition that defines rules for the plural element types, the method comprising the steps of:

    detecting a current page from plural pages,

    obtaining a location of page-description text in the structured document corresponding to the current page in reference to page-information text in the structured document,

    parsing page-description text in the structured document corresponding to the current page, and

    outputting a vector graphic shape which is rendered on the basis of the parsed page description text.

27. (New) Computer readable medium according to Claim 26, wherein the method further comprises a step of obtaining a location of document-resource text in the structured document for resources used by the plural pages.